

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 4506 | 438/396.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/29 09:41 |
| L2 | 39 | L1 and mask and taper | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 09:51 |
| L3 | 26 | L1 and mask and angled | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 09:52 |
| L4 | 730 | 438/386.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/29 09:52 |
| L5 | 21 | L4 and mask and angled | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 09:52 |
| S19 | 764095 | "438"/\$.ccls. or semic or ic or "257"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/19 14:48 |
| S20 | 472 | 438/640.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:45 |
| S21 | 657 | 438/666.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:46 |
| S22 | 750 | 438/701.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:46 |
| S23 | 293 | 438/713.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/29 08:18 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S24 | 893 | 438/978.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:46 |
| S25 | 287 | 438/for.458.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:46 |
| S26 | 371 | 438/for.492.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:46 |
| S27 | 1209 | 438/for.355.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:46 |
| S28 | 268 | 438/353.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/21 13:11 |
| S29 | 4498 | 438/396.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/29 09:39 |
| S30 | 728 | 438/386.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:48 |
| S31 | 306 | 438/387.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 07:48 |
| S32 | 1 | ("6660580").URPN. | USPAT | OR | OFF | 2006/03/17 07:52 |
| S33 | 14 | ("20020037624" "20020061604" "20020102791" "20020165615" "6004856" "6177284" "6180447" "6239461" "6284595" "6297527" "6421223" "6660580" "6682969").PN. OR ("6831323"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 07:57 |

EAST Search History

| | | | | | | |
|-----|------|---|------------------------------|----|-----|------------------|
| S34 | 53 | ("5063169" "5155573" "5169680" "5185689" "5191510" "5196909" "5300799" "5381302" "5439840" "5521418" "5576928" "5624865" "5627094" "5658818" "5674787" "5696017" "5717250" "5757612" "5776825" "5789320" "5793600" "5821141" "5851876" "5932907" "5976928" "6069391" "6188120").PN. OR ("6344413").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 08:02 |
| S35 | 2538 | 438/637.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 08:03 |
| S36 | 7366 | S20 S21 S22 S23 S24 S25 S26 S27 S28 S29 S30 S31 S35 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 08:03 |
| S37 | 444 | S36 and ((taper angle) with (etch trench via opening)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 08:04 |
| S38 | 679 | S36 and ((taper\$2 angle\$2) with (etch trench via opening)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 09:40 |
| S39 | 27 | ("3717852" "4145803" "4692787" "4800176" "5095362" "5100827" "5120679" "5166556" "5171715" "5196724" "5233217" "5242851" "5248632" "5272101" "5290734" "5300456" "5322812").PN. OR ("5663091").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 08:33 |
| S40 | 17 | capacitor and "broken wire" with electrode | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 09:06 |
| S41 | 5351 | "leakage current" with capacitor | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 09:07 |
| S42 | 42 | S41 and (overhang overhung) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 08:38 |
| S43 | 875 | S41 and (taper\$2 angle\$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 08:38 |
| S44 | 125 | S41 and ((taper\$2 angle\$2) with (etch trench via opening)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 09:06 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|-----|------------------|
| S45 | 227042 | ((taper\$2 angle\$2) with (etch trench via opening)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 09:05 |
| S46 | 6798 | ((taper\$2 angle\$2) with (etch trench via opening)) and capacitor | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 09:06 |
| S47 | 1 | ("6239461").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/17 09:07 |
| S48 | 123 | S41 and ((taper\$2 angle\$2) with (etch trench via opening)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 09:07 |
| S49 | 18 | capacitor and "broken wire" with electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 09:07 |
| S50 | 7350 | "leakage current" with capacitor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 09:07 |
| S51 | 125 | S50 and ((taper\$2 angle\$2) with (etch trench via opening)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 09:08 |
| S52 | 2 | S51 not S44 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/17 09:08 |
| S53 | 0 | "10971022".pn. "10855562".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/19 14:42 |
| S54 | 24 | ("20020163026" "20030085420" "20030136996" "20030178728" "20030227044" "20030227045" "20050040448" "20050161720" "20050253179" "6423998" "6768154" "6784069").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/19 14:46 |
| S55 | 8 | ("20030201537" "5180689" "5203957" "6277757").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/19 14:47 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S56 | 2 | "20040166668".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/19 14:48 |
| S57 | 0 | ("2004/0166668").URPN. | USPAT | OR | OFF | 2006/03/19 14:48 |
| S58 | 0 | ("20040166668").URPN. | USPAT | OR | OFF | 2006/03/19 14:49 |
| S59 | 187 | (trench channel via opening) with capacitor with (taper tapered angle obtuse) | USPAT | OR | OFF | 2006/03/19 14:49 |
| S60 | 4 | ("4200968" "4364074" "4502208" "4763180").PN. OR ("6687114"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/19 14:50 |
| S61 | 2536 | 438/253.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/21 13:11 |
| S62 | 11 | "5354386" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 16:31 |
| S63 | 2 | "5354386".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/28 16:31 |
| S64 | 10 | ("4451326" "4698132").PN. OR ("5354386").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/28 16:40 |
| S65 | 256 | smooth with taper with (via contact opening) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 08:24 |
| S66 | 4 | ("6051859" "6399495").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/29 08:18 |
| S67 | 812 | (smooth with (via contact opening)) and (taper with (via contact opening)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/29 08:25 |

EAST Search History

| | | | | | | |
|-----|----|---|------------------------------|----|-----|------------------|
| S68 | 45 | ("4764245" "4807016" "4814041" "4832788" "4857141" "4889588" "4902377" "4908333" "5155064" "5180689" "5203957" "5219791" "5294296" "5320981").PN. OR ("5453403"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/29 08:33 |
|-----|----|---|------------------------------|----|-----|------------------|